

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006471

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4152 A61K31/4155 C07D231/34 C07D231/36 A61P7/02  
C07D401/04 C07C47/575 C07C47/542 C07C47/548

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data, PAJ, WPI Data, BIOSIS, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2 012 634 A (UNIV BRITISH COLUMBIA) 20 September 1991 (1991-09-20) cited in the application page 17, lines 1-6; claims 1,10 -----	1-32
X	WO 02/102359 A (SWINNEN DOMINIQUE ;CHURCH DENNIS (CH); RUECKLE THOMAS (CH); BOMBRU) 27 December 2002 (2002-12-27) cited in the application page 16, line 23 - page 17, line 3; claims 1,13,18 examples, particularly example 70 ----- -/--	1-32

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier document but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

04.02.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Seymour, L

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/09121 A (BASF AG ;MOSET MARINA M (ES); BERLANGA JOSE MARIA CASTELLANO (ES);) 8 February 2001 (2001-02-08) page 141, line 10 - page 142, line 3; claims 18-20 page 111, line 4 - line 15 -----	18-29,31
P,X	WO 03/074550 A (PINTEX PHARMACEUTICALS INC) 12 September 2003 (2003-09-12) page 25, column 3, line 2; claims 1-4 -----	18-29

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 1-17 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  
1-32

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-32

pyrazolidine-3,5-diones useful in the treatment of vascular diseases, and uses, syntheses and corresponding pyrazolidine-3,5-dione intermediates thereof

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2. claim: 33

further benzaldehydes

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			WO	02102359 A2	27-12-2002
			EP	1399156 A2	24-03-2004
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			NZ	516850 A	24-09-2004
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			TR	200200928 T2	23-09-2002
			WO	0109121 A2	08-02-2001
			ZA	200200477 A	22-04-2003
WO 03074550	A	12-09-2003	WO	03074550 A2	12-09-2003
			US	2004176372 A1	09-09-2004